

WE CLAIM:

1. A stand-alone disposable garment comprising:
a liquid-permeable nonwoven material,
a means to fasten the garment about a wearer;
the garment being substantially free of absorbent material and
substantially free of liquid-impermeable material.
2. The stand-alone disposable garment of Claim 1, wherein the
liquid-permeable material is a mesh material.
3. The stand-alone disposable garment of Claim 1, wherein the
liquid-permeable material comprises a nonwoven material.
4. The stand-alone disposable garment of Claim 3, wherein the
nonwoven material comprises spunbond polypropylene.
5. The stand-alone disposable garment of Claim 3, wherein the
nonwoven material comprises spunbond polyethylene.

6. The stand-alone disposable garment of Claim 3, wherein the nonwoven material comprises a spunbond/meltblown/spunbond web combination.

7. The stand-alone disposable garment of Claim 1, wherein the liquid-permeable material comprises nylon.

8. The stand-alone disposable garment of Claim 1 comprising at least two layers of the liquid-permeable material.

9. The stand-alone disposable garment of Claim 1, wherein the material has a basis weight in a range from about 7 gsm to about 85 gsm.

10. The stand-alone disposable garment of Claim 2, wherein the mesh material has a basis weight in a range from about 14 gsm to about 54 gsm.

11. The stand-alone disposable garment of Claim 2, wherein the mesh material has a basis weight in a range from about 20 gsm to about 41 gsm.

12. The stand-alone disposable garment of Claim 2, wherein the mesh material has a hole size in a range from about 147 microns to about 5810 microns.

13. The stand-alone disposable garment of Claim 2, wherein the mesh material has a tensile strength of at least about 5 pounds of force per 4 inches of material.

14. The stand-alone disposable garment of Claim 2, wherein the mesh material has a tensile strength of at least about 10 pounds of force per 4 inches of material.

15. The stand-alone disposable garment of Claim 2, wherein the mesh material has a tensile strength of at least about 13 pounds of force per 4 inches of material.

16. The stand-alone disposable garment of Claim 2, wherein the mesh material has a tensile strength of at least about 19 pounds of force per 4 inches of material.

17. The stand-alone disposable garment of Claim 1 further comprising a waist elastic.

18. The stand-alone disposable garment of Claim 1 further comprising a pair of leg elastics.

19. The stand-alone disposable garment of Claim 18, wherein the leg elastics comprise curved elastics.

20. The stand-alone disposable garment of Claim 18, wherein the leg elastics comprise straight elastics.

21. The stand-alone disposable garment of Claim 1 further comprising a refastenable fastening system extending from the waist opening to each of the first and second leg openings.

22. The stand-alone disposable garment of Claim 1 further comprising a first side seam extending from the waist opening to the first leg opening and a second side seam extending from the waist opening to the second leg opening.

23. An absorbent garment comprising:

a composite structure, the composite structure having end edges and side edges, the end edges and the side edges defining a perimeter and a central region of the composite structure;

the composite structure including a liquid-permeable body side liner, an outer cover, an absorbent assembly between the body side liner and the outer cover; and

a mesh liner attached to the composite structure.

24. The absorbent garment of Claim 23, wherein the mesh liner comprises a nonwoven material.

25. The absorbent garment of Claim 24, wherein the nonwoven material comprises spunbond polypropylene.

26. The absorbent garment of Claim 24, wherein the nonwoven material comprises spunbond polyethylene.

27. The absorbent garment of Claim 24, wherein the nonwoven material comprises a spunbond/meltblown/spunbond web combination.

28. The absorbent garment of Claim 23, wherein the mesh liner comprises nylon.

29. The absorbent garment of Claim 23, wherein the mesh liner comprises at least two layers of material.

30. The absorbent garment of Claim 23, wherein the mesh liner is attached to the composite structure around the perimeter of the composite structure and unattached to the composite structure in the central region of the composite structure.

31. The absorbent garment of Claim 23, wherein the mesh liner is permeable to liquid and substantially impermeable to bowel movement material.

32. The absorbent garment of Claim 23, wherein the mesh liner has a basis weight in a range from about 7 gsm to about 85 gsm.

33. The absorbent garment of Claim 23, wherein the mesh liner has a basis weight in a range from about 14 gsm to about 54 gsm.

34. The absorbent garment of Claim 23, wherein the mesh liner has a basis weight in a range from about 20 gsm to about 41 gsm.

35. The absorbent garment of Claim 23, wherein the mesh liner has a hole size in a range from about 147 to about 5810 microns.

36. The absorbent garment of Claim 23, wherein the mesh material has a tensile strength of at least about 5 pounds of force per 4 inches of material.

37. The absorbent garment of Claim 23, wherein the mesh liner has a tensile strength of at least about 10 pounds of force per 4 inches of material.

38. The absorbent garment of Claim 23, wherein the mesh liner has a tensile strength of at least about 13 pounds of force per 4 inches of material.

39. The absorbent garment of Claim 23, wherein the mesh liner has a tensile strength of at least about 19 pounds of force per 4 inches of material.

40. The absorbent garment of Claim 23 further comprising at least one elastic strand attached to the mesh liner.

41. The absorbent garment of Claim 40, wherein the at least one elastic strand is attached under the mesh liner adjacent the body side liner.

42. An absorbent garment comprising:

a composite structure, the composite structure having end edges and side edges, the end edges and the side edges defining a perimeter and a central region of the composite structure;

the composite structure including a liquid-permeable body side liner, an outer cover, an absorbent assembly between the body side liner and the outer cover;

a pair of containment flaps attached to the liner side edges; and

a mesh liner attached to the containment flaps.

43. The absorbent garment of Claim 42, wherein the mesh liner is unattached to the composite structure in the central region of the composite structure.

44. The absorbent garment of Claim 42, wherein the mesh liner is permeable to liquid and substantially impermeable to bowel movement material.

45. The absorbent garment of Claim 42, wherein the mesh liner has a basis weight in a range from about 7 gsm to about 85 gsm.

46. The absorbent garment of Claim 42, wherein the mesh liner has a hole size in a range from about 147 microns to about 5810 microns.

